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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/055,796	01/22/2002	Harry L. Tarnoff	ZOUSA.001A	7433
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Harry Tarnoff				
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			EXAMINER	
			HALIM, SAHERA	
			ART UNIT	PAPER NUMBER
			2157	
			MAIL DATE	DELIVERY MODE
			06/25/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/055,796

Applicant(s)

TARNOFF, HARRY L.

Examiner

Sahera Halim

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 12-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 12-20 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 12-20 are presented for examination.

#### ***Election/Restrictions***

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 12-15, 18 and 19-20 are drawn to a system for instantly detecting changes to the content of a website and pushing notification of said changes to a search engine client over a network connected to said website and where said content is limited, modified, or expanded comprising: an event detection module associated with said website that immediately detects content change events related to said website, a URL or IP address representing the location of said search engine client on network, a module associated with said search engine client that receives notification of said content change event from said website event detection module, a rules database configured to store rules regarding content to be sent to said search engine clients from said website, a content validator configured to automatically review said content before said content is transmitted to said search engine client module, communication of said event between said event detection module and said search engine client module which does not interact directly with any human user making

search requests of said search engine client, communication control whereby the notification of said change event and communication of said content is guaranteed thereby improving the performance of network services, access control and deny logic used in conjunction with a flexible rules applier and mathematics access control based scorer to grant or deny said search engine client access to content based on a wide ranging set of criteria, and controlling access by said search engine client to content in accordance with the decision of said content validity, classified in class 709, subclass 232, 220.

- II. Claim 16, is drawn a system for backup and for improving network performance, comprising: a RevBot Efficiency Server, said RevBot Efficiency Server comprising: a network of said RevBots, a centralized repository of content or information, and an application for executing operations in support of said network of RevBots target instances, analyzing the cache size, classified in class 709, subclass 223.
- III. Claim 17 is drawn to a system for increased security, comprising: a RevBot Proxy Server, said RevBot Proxy Server comprising: a network of said RevBot, a local cache, and an application for executing security-related operations in support of said network of RevBots, classified in class 317.

3. The invention are distinct each from the other because of the following reasons:

4. Inventions I, II, and III are disclosed as different combinations, which are not connected is design, operation or effect. Theses combinations are independent if it can be shown that (1) they are not disclosed as capable of use together, (2) they have different modes of operation, (3) they have different functions, or (4) they have different effects (MPEP. 806.04, MPEP. 808.01). In the instant case, invention I is directed to system for instantly detecting changes to the content of a website and pushing notification of said changes to a search engine client over a network connected to said website and where said content is limited, modified, or expanded. The invention II is directed a system for backup and for improving network performance. Invention III is directed to a system for increased security. Therefore, inventions I, II, and III have different functions and they have different effects.

5. These inventions are distinct for the reason given above and the search required for each Group is different and not co-extensive for examination purpose. For example, the searches for the two inventions would not be co-extensive because these groups would required different searches on PTO's classification subclass as following:

(a) The Group I search (claims 1 and 5) would required use of search Class 709, subclass 220,232 (not require for the invention II and III).

(b) The Group II search (claims 2-4 and 6-8) would require use of search class 709, subclass 223 (not require for the invention I, and III).

(c) The group III search (claims 9 and 10) would require use of search class 317, (not require for the invention I and II).

6. Applicants are advised that the response to this requirement to be completed must include an election of the invention to be examined even though the requirement is traversed.

7. Applicants are reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 C.F.R.'1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a diligently filed petition under 37 C.F.R. '1.48(b) and by the fee required under 37 C.F.R '1.17(h).

8. A shortened statutory period for response to this action is set to **expire 1 (one) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the applicant (see 35 U.S.C 133, M.P.E.P 710.02, 710.02 (b)).

**Conclusion**

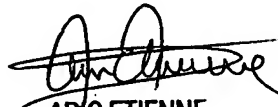
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sahera Halim whose telephone number is (571) 272-4003. The examiner can normally be reached on Mondays and Thursdays from 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sahera Halim  
Patent Examiner

June 14, 2007

  
ARIO ETIENNE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100